CONTENTS OF VOL. 232

ORIGINAL ARTICLES

No. 1.—July

Splenoportography: A Valuable Adjunct in the Study of Portal Hypertension. By Hector F. Rodriguez, M.D., Ponce, Puerto Rico, Frank H. Gardner, M.D., Boston, Massachusetts, and Rafael Diaz-Bonnet, M.D., Bayamon, Puerto Rico 1

Quantitation of the Activity of Rheumatoid Arthritis. 2. Recession of Morning Stiffness as Patients Go into Remission. By John Lansbury, M.D., Philadelphia, Pennsylvania 8

Quantitation of the Activity of Rheumatoid Arthritis. 3. The Maximum 5-Minute Cutler Sedimentation Rate as an Index. By John Lansbury, M.D., Philadelphia, Pennsylvania 12

The Lack of Effect of Ingested Ferrous Sulfate on the Guaiac Test for Occult Blood in the Stool. By John Collins Harvey, M.D., Baltimore, Maryland 17

The Treated Pulmonary Lesion and Its Tubercle Bacillus. I. Pathology and Pathogenesis. By William E. Loring, M.D., and H. Mac Vandiviere, M.A., Chapel Hill, North Carolina 20

The Treated Pulmonary Lesion and Its Tubercle Bacillus. II. The Death and Resurrection. By H. Mac Vandiviere, M.A., William E. Loring, M.D., Irene Melvin, M.A., and Stuart Willis, M.D., Chapel Hill, North Carolina. 30

The Serum Aldolase Level in Acute Myocardial Infarction. By Bruno W. Volk, M.D., Samuel Losner, M.D., Stanley M. Aronson, M.D., and Herbert Lew, B.S., Brooklyn, New York 38

Clearance of Radioactive Iodine from the Lower Extremities of Patients With Myocardial Infarction. By Franz K. Bauer, M.D., Frederick R. Mugler, Jr., M.D., Vernon W. Lieberman, M.D., and John P. Westergart, M.D., Los Angeles, California 44

Diagnostic and Prognostic Significance of Eosinopenia in Acute Myocardial Infarction. By Knut Kirkeby, M.D., New Haven, Connecticut 50

The Cough Response of Normal Human Subjects Stimulated Experimentally by Citric Acid Aerosol: Alterations Produced by Antitussive Agents. Part I. Methodology. By Hylan A. Bickerman, M.D., Burton M. Cohen, M.D., and Elaine German, M.D., New York, New York 57

An Evaluation of the Single Breath Technique for Measuring Anatomic Respiratory Dead Space with the Nitrogen Meter. By Russell H. Wilson, M.D., Ph.D., Bruce E. Jay, B.S., and Paul L. Richburg, M.D., Dallas, Texas, and Robert Evans, Ph.D., Minneapolis, Minnesota 67

Apparent Renal Defect in Sicklemic Individuals. By Chris J. D. Zarafonetis, M.D., John D. McMaster, M.D., Lyndall Molthan, M.D., and William A. Steiger, M.D., Philadelphia, Pennsylvania 76

Electrophoretic Studies in Disseminated and Fixed Lupus Erythematosus. By Luis Baptista, M.D., Gunter Hoxter, Lino Vellini and Raul Mungioli, São Paulo, Brazil 83

No. 2.—August

Salicylate Ingestion: A Frequent Cause of Gastric Hemorrhage. By J. J. Kelly, Jr., M.D., Brooklyn, New York 119

Pharmacology of Mecamylamine. By Ralph V. Ford, M.D., John C. Madison, M.D., and John H. Moyer, M.D., Houston, Texas 129

Clinical Evaluation of a Digitalis Tolerance Test. By Robert Gilbert, M.D., and Richard H. Lyons, M.D., Syracuse, New York 144

Quantitation of the Manifestations of Rheumatoid Arthritis. 4. Area of Joint Surfaces as an Index to Total Inflammation and Deformity. By John Lansbury, M.D., and Donald D. Haut, A.B., Philadelphia, Pennsylvania 150

Pro-Banthine in the Treatment of Peptic Ulcer. By Jacob Lichstein, M.D., Margaret G. Morehouse, Ph.D., and Kent L. Osmon, M.D., Los Angeles, California 156

Djenkol Bean Poisoning (Djenkolism): A Cause of Hematuria and Anuria. By Hobart A. Reimann, M.D., and R. Utojo Sukaton, M.D., Djakarta, Indonesia 172

Therapeutic and Toxic Effects of Enteric-coated Aminometramide. By Walter A. Tatge, M.D., Donald E. Winnik, M.D., and George N. Spencer, M.D., Milwaukee, Wisconsin 175

The Rationale for Psychotherapy with Older Persons. By Alvin I. Goldfarb, M.D., New York, New York 181

A Comparison of the Metabolism of Rubidium 86 and Potassium 42 Following Simultaneous Injection into Man. By Malcolm P. Tyor, M.D., and James S. Eldridge, B.S., Oak Ridge, Tennessee 186

Reserpine as an Antihypertensive in the Outpatient Clinic: A Double-Blind Clinical Study. By C. T. Bello, M.D., and Linton W. Turner, M.D., Philadelphia, Pennsylvania 194

No. 3.—September

Electric Activity of the Olfactory Bulb in Man. By Carl W. Sem-Jacobsen, M.D., Magnus C. Petersen, M.D., Henry W. Dodge, Jr., M.D., Quentin D. Jacks, M.D., Jorge A. Lazarte, M.D., and Colin B. Holman, M.D., Rochester, Minnesota 243

Cardiac Involvement in Infectious Mononucleosis. By Col. Robert J. Hoagland, MC, USA, Fort Benning, Georgia 252

Elliptocytosis: A Study of Erythrocyte Survival Using Radioactive Chromium (CR^{51}). By R. Ross McBryde, M.D., James S. Hewlett, M.D., and Russell Weisman, Jr., M.D., Cleveland, Ohio 258

Ventilatory and Lung Volume Determinations in Patients with Chest Deformities. By Harry N. Iticovici, M.D., and Harold A. Lyons, M.D., Brooklyn, New York. 265

Fibrinogen Concentration in Various Clinical Conditions. By Samuel Losner, M.D., and Bruno W. Volk, M.D., Brooklyn, New York 276

The Number of Blood Cultures Necessary to Diagnose Most Cases of Bacterial Endocarditis. By James Belli, B.S., M.S., and Burton A. Waisbren, M.S., M.D., Milwaukee, Wisconsin 284

A Therapeutic Evaluation of l-Allyl-3-Ethyl-6-Aminotetrahydropyrimidinedione (Mictine), a New Oral Diuretic. By Leonard P. Caccamo, M.D., B. H. Pringle, Ph.D., and Dale E. Hissong, B.S., Dearborn, Michigan, and Detroit Michigan 289

Effect of Carotid Sinus Denervation on Arterial Pressure Response to Tetraethylammonium Chloride in Normotensive Man. By J. W. McCubbin, M.D., W. James Gardner, M.D., and Irvine H. Page, M.D., Cleveland, Ohio 297

Quantitation of the Activity of Rheumatoid Arthritis. 5. A Method for Summation of the Systemic Indices of Rheumatoid Activity. By John Lansbury, M.D., Philadelphia, Pennsylvania 300

No. 4.—October

Requirements for Persistent Immunity to Poliomyelitis. By Jonas E. Salk, M.D., Pittsburgh, Pennsylvania 369

Immunization of Children by the Feeding of Living Attenuated Type I and Type II Poliomyelitis Virus and the Intramuscular Injection of Immune Serum Globulin. By Hilary Koprowski, M.D., Thomas W. Norton, Doris J. Nelsen, Pearl River, New York, George A. Jervis, M.D., Thiells, New York, Joseph Stokes, Jr., M.D., and Elizabeth L. McGee, M.D., Philadelphia, Pennsylvania 378

Observations on Some Possible Precursors of Essential Hypertension and Coronary Artery Disease: V. Hypercholesteremia in Healthy Young Adults. By Caroline Bedell Thomas, M.D., Baltimore, Maryland 389

The Relationship Between Excessive Cigarette Smoking and Psychological Tension. By M. Powell Lawton, Ph.D., and Roswell W. Phillips, M.D., Providence, Rhode Island 397

Hazards in the Treatment of Acute Myocardial Infarction. By Henry I. Russek, M.D., Staten Island, New York 403

Investigation of the Synergism of Isonicotinic Acid Hydrazide and Cortisone. I. Effect of Isonicotinic Acid on the Metabolism of Cortisone by Liver Tissue. By Leon L. Wiesel, M.D., Brooklyn, New York 412

Investigation of the Synergism of Isonicotinic Acid Hydrazide and Cortisone. II. Long-term Study of the Synergistic Action of Isonicotinic Acid Hydrazide and Cortisone Acetate in the Treatment of Rheumatoid Arthritis. By Leon L. Wiesel, M.D., A. Sidney Barritt, M.D., and Charles J. Scheid, M.D., Brooklyn, New York 415

Urinary Gonadotrophin Excretion in Osteoarthritis. By Fred B. Rogers, M.D., and John Lansbury, M.D., Philadelphia, Pennsylvania 419

Vascular Hemophilia: The Association of a Vascular Defect with a Deficiency of Antihemophilic Globulin. By Martin Matter, M.D., T. F. Newcomb, M.D., A. Melly, and Clement A. Finch, M.D., Seattle, Washington 421

Relative Stability of Plasma Antihemophilic Factor (AHF) under Different Conditions of Storage. By George D. Penick, M.D., and K. M. Brinkhous, M.D., Chapel Hill, North Carolina 434

The Thyroid Profile. By William H. Perloff, M.D., Philadelphia, Pennsylvania 443

No. 5.—November

Varicella Pneumonia in Adults. By Reginald H. Fitz, M.D., and Gordon Meiklejohn, M.D., Denver, Colorado 489

Erythromycin: An Evaluation for Clinical Study. By Mark J. Ciccantelli, M.D., and Mark W. Garry, M.D., Milwaukee, Wisconsin 500

The Dynamics of Placebo Therapy: A Clinical Study. By H. Keith Fischer, M.D., and Barney M. Dlin, M.D., Philadelphia, Pennsylvania 504

Effects of Cortisone on Metabolic Responses in Myocardial Infarction. By Gordon G. Bergy, M.D., Robert W. Burroughs, M.D., and Robert A. Bruce, M.D., Seattle, Washington 513

Correlation of Pain and the Roentgenographic Findings of Spondlyosis of the Cervical and Lumbar Spine. By Allen E. Hussar, M.D., and Emanuel J. Guller, M.D., Montrose, New York 518

The Angiocardiographic Pattern of High Ventricular Septal Defect with Left to Right Shunt. By Louis A. Soloff, M.D., and Jacob Zatuchni, M.D., Philadelphia, Pennsylvania 528

Experimental Myocardial Infarction: Circulatory, Biochemical and Pathologic Changes. By Richard J. Bing, M.D., Alberto Castellanos, M.D., Erich Gradel, M.D., Charles Lupton, M.D., and Abraham Siegel, M.S., Birmingham, Alabama 533

Incidence of Coexistent Essential Hypertension and Malignant Neoplastic Diseases. By Phillip J. Moore, M.D., R. D. Taylor, M.D., and A. C. Corcoran, M.D., Cleveland, Ohio 555

Spinal Fluid Alcohol in Yeast Meningitis. By H. Richard Tyler, M.D., Boston Massachusetts 560

The Effect of Hyaluronidase on the Absorption of Subcutaneously Administered Phenol Red. By Eugene A. DeFelice, M.D., R. Richterich-van Baerle, M.D., Robert Megirian, M.S., and Earl H. Dearborn, Ph.D., M.D., Boston, Massachusetts 562

Malaria in Veterans of the Korean War: A Review of 128 Admissions for Malaria to a Veterans Hospital. By Robert Schwartz, M.D., and William B. Tuttle, M.D., Pittsburgh, Pennsylvania 568

No. 6.—December

Preliminary Report on the Effects of a Plasma Lipid Mobilizing Factor in Man. By William A. Steiger, M.D., Chris J. D. Zarafonetis, M.D., Gladys M. Miller, M.D., Joseph Seifter, M.D., and David H. Baeder, Ph.D., Philadelphia, Pennsylvania, and Radnor, Pennsylvania 605

Effects of Fat Ingestion and Heparin Administration on Serum Lipids of "Normal" Hypercholesterolemic, Hyperlipemic and Atherosclerotic Subjects. By Peter T. Kuo, M.D., Claude R. Joyner, Jr., M.D., and John G. Reinhold, Ph.D., Philadelphia, Pennsylvania 613

The Efficacy of Penicillin V (Phenoxymethylpenicillin) in the Treatment of Mild and of Moderately Severe Pneumococcal Pneumonia. By Robert Austrian, M.D., and A. L. Winston, M.D., Brooklyn, New York 624

Clinical Observations on 712 Cases of Tetanus Subject to Four Different Methods of Treatment: 18.2% Mortality Rate Under a New Method of Treatment. By Ricardo Veronesi, M.D., São Paulo, Brazil 629

Measurements of Mechanical and Electric Events of the Cardiac Cycle. I. Effect of Tachycardia, Pre-Anesthetic Medication, and Di-Ethyl Ether Anesthesia. By George C. Sutton, M.D., David M. Little, Jr., M.D., and John McClung, M.D., Great Lakes, Illinois 648

Treatment of Angina Pectoris with Disodium Ethylene Diamine Tetraacetic Acid. By Norman E. Clarke, M.D., Charles N. Clarke, M.D., and Robert E. Mosher, Ph.D., Detroit, Michigan 654

Pseudomembranous Colitis Complicating Prolonged Antibiotic Therapy. By Henrik, A. Hartmann, M.D., and D. Murray Angevine, M.D., Madison, Wisconsin 667

Acute Meningococcemia with Vascular Collapse: An Analysis of 10 Recently Treated Cases. By Donald M. Kanter, M.D., Dominic A. Mauriello, M.D., and Norman Learner, M.D., M.Sc., Philadelphia, Pennsylvania 674

NEW BOOKS AND NEW EDITIONS

Book Reviews and Notices 116, 240, 363, 474, 601, 719

PROGRESS OF MEDICAL SCIENCE

Medicine
The Problem of the Volume Component of Body Fluid Homeostasis. By E. H. Bresler, M.D., New Orleans, Louisiana 93

Neurology and Psychiatry
Tension Headache: A Review. By Frank R. Drake, M.D., Denver, Colorado 105

Surgery
Current Concepts Concerning the Surgical Treatment of Pulmonary Tuberculosis. By Robert T. Crowley, M.D., Detroit, Michigan 198

Ophthalmology
Lesions of the Optic Nerve in Exophthalmos of Endocrine Origin. By Henry P. Wagener, M.D., Rochester, Minnesota 226

Pathology and Bacteriology
Carcinoid Tumors. By A. C. Ritchie, M.B., Ch.B. (N.Z.), D.Phil. (Oxon), Montreal, Canada 311

Preventive Medicine and Epidemiology
The Community Problem in Coronary Heart Disease: A Challenge for Epidemiological Research. By David C. Miller, M.D., Fredrick J. Stare, M.D., Paul Dudley White, M.D., and John E. Gordon, M.D., Boston, Massachusetts 329

Oto-Rhino-Laryngology
Geriatric Otolaryngology. By Noah D. Fabricant, M.D., Chicago, Illinois 452

Dermatology and Syphilology
A Re-evaluation of the Rosacea Complex. By Herman Beerman, M.D., Philadelphia, Pennsylvania 458

Radiology
Radiological Diagnosis of Diseases of Adrenal Origin. By John G. McAfee, M.D., and Carl E. Balli, M.D., Baltimore, Maryland 572

Pediatrics
Hematology of Lead Poisoning in Childhood. By Irving J. Wolman, M.D., Philadelphia, Pennsylvania 688

Gynecology and Obstetrics
Nonobstetric Surgical Complications During Obstetric Care: A Review of the Recent Literature. By R. Wallace Journey, M.D., and Franklin L. Payne, M.D., Philadelphia, Pennsylvania 695

Proceedings of The Physiological Society of Philadelphia 113, 360